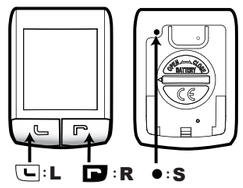
POWERS YOUR PERFORMANCE

scio alti

CYCLE COMPUTER WIRELESS



L Button

:Press for change setting digital

Hold 2's for change to next setting mode

R Button

Press for increase setting value

Hold 2's for auto increase setiing value (3 times per second)

S Button

Press for quit data setting mode

SPECIFICATIONS

SPD	0-199.9km/h / 0-120.0m/h
AVG	0-199.9km/h / 0-120.0m/h
MAX	0-199.9km/h / 0-120.0m/h
DST	0-999.99km / mile
RTM	0H:00M:00S-99H:59M:59S
ODO	0-999999km/mile
▲	-499m-5999m (-1699ft-19999 ft) UNIT:1m/3ft
GRD	0-99%
AGR	0-99%
AL↑/AL↓	0-99999m / 0-99999ft
TMP	-10°C ~ 60°C (14°F ~ 140°C)
T.MA	-10°C-60°C / 14°F-140°F
T.MI	-10°C-60°C / 14°F-140°F
Circumference	Default size: 2110, 2080, 2260,0-3999mm
CLK	1H:00M-12H:59M, 0H:00M-23H:59M
💡	Light for 4 seconds after each press

Fig.1 MAIN UNIT SETTING

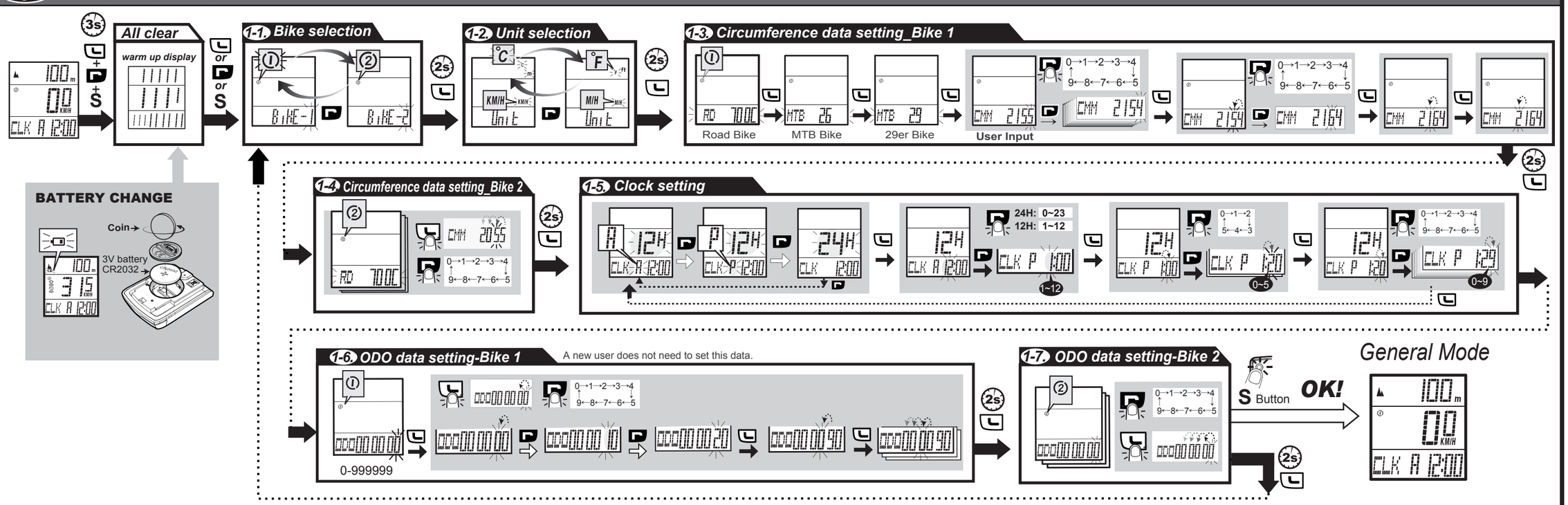


Fig.2 FUNCTION SCREEN

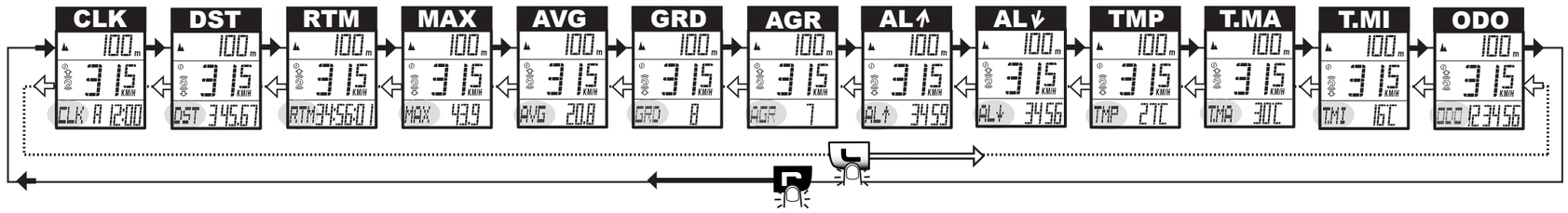


Fig.3 BIKE 1/ BIKE 2 SELECTION

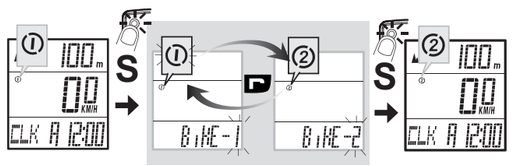
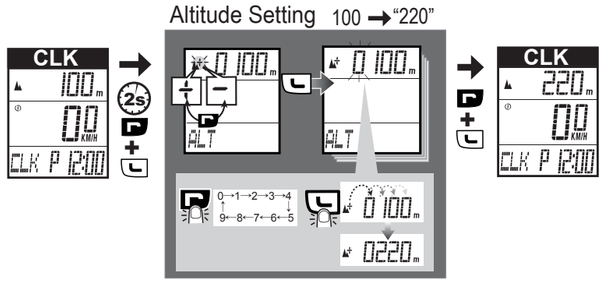


Fig.4 ALTITUDE CALIBRATION



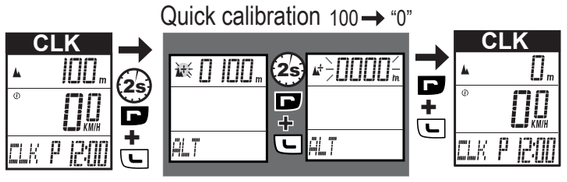
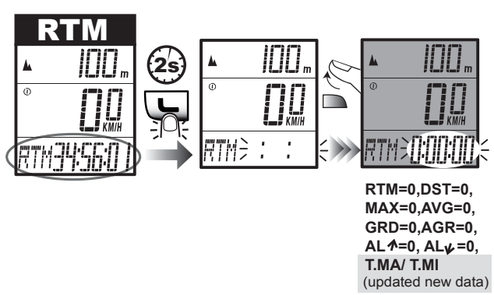


Fig.5 DATA RESET



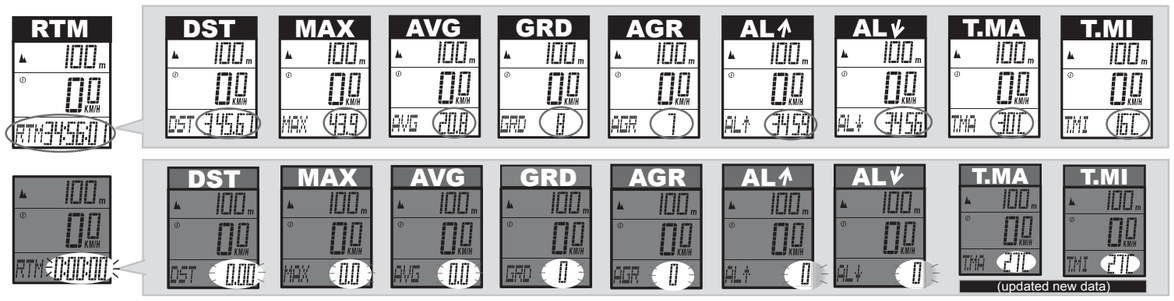


Fig.6 POWER AUTO ON/OFF

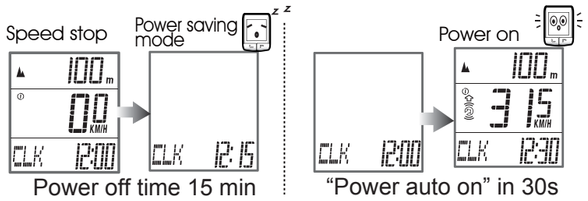
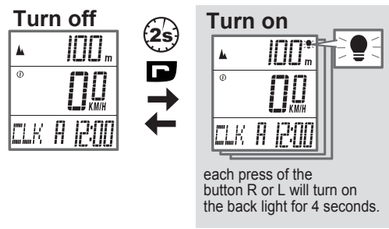
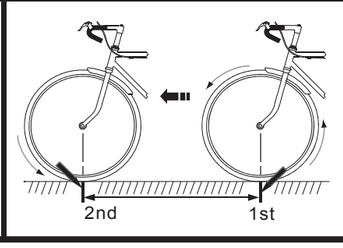


Fig.7 EL BACKLIGHT



a. Wheel Circumference



b. Popular Tires Circumference Reference Table

Wheel Size	Setting Value	Wheel Size	Setting Value
18 Inch	1436 mm	700C TUBULAR	2117mm
20 Inch	1596	700x20C	2092
22 Inch	1759	700x23C	2112
ATB 24x1.75	1888	700x25C	2124
24 Inch	1916	700x28C	2136
24x 1 3/8	1942	27 Inch(700x32c)	2155
ATB 26x1.40	1995	700x35C	2164
ATB 26x1.50	2030	700x38C	2174
ATB 26x1.75	2045	27.5 Inch	2193
26Inch (650A)	2073	28 Inch (700B)	2234
ATB26x2.0(650B)	2099	28.6 Inch	2281

English

Button function description

ALL CLEAR : L+R+S hold 3's then enter warm-up display

(1). Data setting mode :
- S Button : Press for quit data setting mode
- L Button : Press for change setting digital
  Hold 2's for change to next setting mode
- R Button : Press for increase setting value
  Hold 2's for auto increase setiing value (3 times per second)

(2). General mode :
- R Button : Press for change function mode forward
  Hold 2's for on/off EL back-light
- L Button : Press for change function mode backward
  Hold 2's for data reset
- L+R Button : Hold 2's for enter altitude adjustment mode
- S Button : Press for enter data setting mode

(3). Altitude adjustment mode :
- L Button : Press for change setting digital
- R Button : Press for increase setting digital
- L+R Button : press for quit altitude adjustment mode
- L+R Button : Hold 2's for reset to zero

(4). Back light on status : again
- L Button : Press for change function mode forward and turn on back light for 4's
- R Button : Press for change function mode backward and turn on back light for 4's

MAIN UNIT SETTING (Fig.1)

All clear

1. Hold down the R+L button and S button simultaneously for more than 3 seconds to initiate the computer and clear all data.
   IMPORTANT: Be sure to initiate the computer before it is be used, otherwise the computer may run errors.
2. The LCD segments will be tested automatically after the unit is initiated.
3. Press button to stop LCD test, then the flickering " BIKE 1 ".

1-1. Bike Selection

Press R button to choose Bike 1 or Bike 2 . Hold down the L button for more than 2 second to change to the unit setting screen.

1-2. Unit Selection

Press R button to work Km/h or Mile/h.

1-3./1-4. Circumference data setting Bike1/ Bike2

1. It provides 3 sets of default tire circumference value for quick setting (cmm2110, 2080, and 2260, for Bike1 and Bike2).
2. You may change the value by yourself, too (2155 for Bike1, and 2055 for Bike2).

WHEEL CIRCUMFERENCE

- **Precise Measurement (Fig a.)**
  Roll the wheel until the valve stem is at its lowest point close to the ground, then mark this first point on the ground. Get on the bicycle and have a helper push you until the valve stem returns to its lowest point. Mark the second point on the ground. Measure the distance between the marks. Enter this value to set the wheel circumference.
- **Quick Table (Fig b.): *Get a suitable circumference value from the table.***

1-5. Clock setting

12H/AM, 12H/PM or 24H selection.
press the R button to select 12H/AM, 12H/PM or 24H. Press L button to for change to next setting mode

1-6./1-7. ODO data setting Bike1/ Bike2

1. The function is designed to re-key in former data of ODO when battery is replaced. A new user does not need to set this data.
2. Press the S button for quit data setting mode.

BUTTON and NORMAL OPERATIONS

FUNCTION SCREEN (Fig.2)

1. Quickly press this button to move in a loop sequence from one function screen to another.
2. Press R button for change function mode forward, Press L button for change function mode backward

BIKE 1/ BIKE 2 SELECTION (Fig.3)

Press the S button to enter/exit the Data setting mode.
Press the R button the change Bike 1/Bike 2.

ABOUT ALTITUDE CALIBRATION(Fig.4)

1. Press both L and R buttons for 2 seconds to Altitude Setting
2. Press the R button to set the value of a digit, and press the L button to move to the next digit.
3. Attention: Calibrate the current altitude only when there're no speed signals.
4. Press both L and R buttons for 2 second, and the current altitude value will return to zero.

DATA RESET (Fig.5)

1. Press and hold the L button for 2 seconds to reset data of DST, RTM, MAX, AVG, GRD,AGR,AL↑,AL↓
2. When reset, the recorded highest and lowest temperature will be cleared, and the display will show the current temperature.
3. The following data are stored in memory and cannot be reset:Unit, Cmm1 (Circumference 1), Cmm2, ODO 1, ODO 2
4. Reset data for Bike 1 and data for Bike 2 respectively.

AUTOMATIC START/STOP

The computer will automatically begin counting data upon riding and stop counting data when riding is stopped. The flickering symbol " " indicates that the computer is at start status.

POWER AUTO ON/OFF(Fig.6)

1. To preserve battery, this computer will automatically switch off and just displays the CLK data when it has not been used for about 15 minutes. The power will be turned on automatically by riding the bike or by pressing the button.
2. It will be automatically turned on in 30 seconds after it is used again.

EL BACKLIGHT(Fig.7)

1. Press and hold the button R for 2 seconds to switch on/off the EL black-light function.
2. When the EL back-light function is at working status, each press of the button R or L will turn on the back light for 4 seconds.

BATTERY REPLACEMENT

1. When the low battery indicator is shown on the display, replace the battery with a new one A.S.A.P.
2. The positive (+) pole of the CR2032 battery must face the battery cap.
3. Press buttons L, R, S for 3 seconds to initiate the main unit.
   Attention: When there's the low battery symbol on the screen, we suggest that you replace the battery with a new one A.S.A.P. Otherwise, the altitude measurement result may be incorrect, and the new data may be lost.

Suitable Fork Size:	12mm to 50mm∅ (0.5" to 2.0"∅) Forks.
Wireless Sensing Distance:	70cm between the transmitter and the main unit.
Cross-Talking Interference:	Within 40 cm (15.8"), no interference by 2 bicycles carrying similar cycle computers, even when ridden side by side.
Wheel Circumference Setting:	1mm - 3999mm (1mm increment)
Operation Temperature:	0°C ~ 50°C (32°F ~ 122°F)
Storage Temperature:	- 10°C ~ 60°C (14°F ~ 140°F)
Main Unit Battery Power:	3V battery x 1 (CR2032), battery operating life is about 2 years. (Based on an average of 1.5 hours use per day)
Transmitter Battery Power:	3V battery x 1 (CR2032).
Dimensions and Weight	**Main Unit:** 41.78 x57.1x 41.78mm/ 30.10g **Transmitter:** 35.8 mm x 34.8mm x14mm/ 13.9g

* **The specifications and designs may be changed without notice.**

Functions

SPD: Current speed
1. The current speed is always shown on the middle display during riding.
2. The speed data are updated per second.
3. When you do not ride the bike for more than 4 seconds, the speed data will be reset to zero.

AVG: Average Speed
1. With this function, the computer will display your average speed during riding.
2. Whenever you reset the computer or change the battery, the average speed record will be cleared.
3. It'll display "0.0" if the riding time is below 6 seconds.
4. It's updated every second on condition that the riding time is over 6 seconds.
5. The computer will automatically reset the following data to zero once the riding time is over 100 hours or the distance is over 1000KM (or miles): riding time, trip distance, average speed.

Max: Max. Speed
1. With this function, the computer will record the maximum speed you reach during riding.
2. Whenever you reset the computer or change the battery, the max. speed record will be cleared.

DST: Trip Distance
1. Trip distance refers to the accumulated distance during a trip.
2. Whenever you reset the computer or change the battery, the trip distance record will be cleared.

ODO: Odometer
1. With this function, the computer accumulates the total distance of the bike you ride.
2. The odometer data cannot be cleared by the reset operation.

RTM: Riding Time
1. Riding time refers to the accumulated riding time of a trip.
2. Whenever you reset the computer or change the battery, the riding time record will be cleared.
3. The computer automatically starts measuring the riding time upon receipt of wheel signals. If you are riding your Bike, whenever you stop, the computer will continue to count the riding time for 4 more seconds to make sure there're no more wheel signals.

:Pace Arrow
1. The pace arrow shows the comparison between the current speed and average speed.
2. If the current speed is above or equal to the average speed, the upward arrow will flash on the display.
3. On the contrary, if the current speed is below the average speed, the downward arrow will flicker.

:Current Altitude
1. The current altitude is always displayed on the upper display.
2. To get accurate basis altitude, the cyclist should calibrate the altitude before each ride.
3. The measurement is based on the principle that atmospheric pressure decreases as elevation increases.
4. The altitude is measured by means of the atmospheric pressure, so it's weather- dependent.
5. You may obtain the altitude data from a topographic map or the Internet.
6. The altitude of the altimeter is pre-calibrated by the precise instrument at the factory before shipment.

GRD :Current altitude ascent/descent
With this function, the computer will display the Current altitude ascent or descent during riding.

AGR:Trip AVG altitude ascent
1. With this function, the computer will display the average altitude asscent during riding.
2. Whenever you reset the computer or change the battery, the average altitude asscent record will be cleared.

AL↑ /AL↓ :Trip altitude gain / Trip altitude loss
1. With this function, it displays the accumulated altitude gains and loss during a trip.
2. When you ride over uphill paths, the altimeter will accumulate the altitude gains. However, when you ride over downhill paths, the computer will accumulate the altitude loss.
The altimeter always accumulates your altitude gains only.

TMP: Temperature
Temperature would be automatically detected under this mode. You could choose either in °C or °F to display the temperature. This function would bring you the joy of riding outdoors.

T.MA/T.MI: Maximum temperature / Minimum temperature
1. With this function, the computer will display the Maximum temperature / Minimum temperature during riding.
2. Whenever you reset the computer or change the battery, the Maximum temperature / Minimum temperature record will be cleared.

CLK: Clock Time 12H/24H Alternative
1. When the user sets the clock time in Data Setting Mode, there are two formats for option-12H and 24H.
2. 12H means 12 hours. In this format, to AM or PM. 24H means 24 hours.

:EL back-light
1.Press R button to find the Light function, turn on/off the EL back-light.
2. After turn it on, The symbol " " will apper to indicate the EL back-light function is at working status.
3. Press any button to light on for 4 seconds each time, and the symbol will flash at the same time.

:Low Battery Indicator
1. When the low-battery symbol" " appears on the display, it's time to get a new battery.
2. Replace the battery with a new one A.S.A.P. when the symbol blinks on the display. Otherwise, the new data of some functions will not be stored into the computer.
3. If you do not change the battery in a few hours, the computer may still work for a few days. The data will be displayed as usual, but the new data will not be stored before the battery is changed.
4. To save battery power, there's no EL backlight when the low-battery symbol is blinking.

TROUBLE SHOOTING

PROBLEM	CHECK ITEMS	REMEDY
Main unit No display	1. Is the battery dead? 2. Is there incorrect battery installation?	1. Replace the battery. 2. Be sure that the positive pole of the battery is facing the battery cap.
Speed not displayed or wrong displayed	1. Is the computer in the setting mode? 2. Are the magnet and the Sensor/Transmitter in the correct position? Is the gap between both parts correct? 3. Is the wheel circumference setting correct? 4. Is the sensing distance between the main unit and the sensor too long? 5. Is the battery for the sensor nearly exhausted? 6. Is there any strong interference source nearby?	1. Refer to the setting procedures to finish the setting. 2. Refer to the installation manual and correct the positions and gap. 3. Refer to "Wheel Circumference Measurement and Setting" and enter a correct value. 4. Refer to the installation manual and adjust the distance between the main unit and the sensor or adjust the angle of the sensor. 5. Replace the battery with a new one. 6. Stay away from the strong interference source.
Altitude not displayed or wrong displayed	1. Did you calibrate the altitude before riding? 2. Is the hole for measuring the air pressure on the bottom of the main unit clean?	1. Refer to "Overview of Button Operation" and calibrate the altitude before each ride. 2. Always keep the hole for measuring the air pressure clean. Do not poke anything into the hole to avoid damage.
Irregular display		Refer to "Data Setting Mode" and initiate the computer again.
LCD is black	Did you expose the main unit to the direct sunlight for a long time when it was not in use?	Put the main unit in the shade to let it return to normal state.
Display is slow	Is the temperature below 0°C (32°F)?	Unit will return to normal state when the temperature rises.
Low-battery symbol is blinking		Replace the battery in the main unit with a new one.

PRECAUTIONS

1. Don't leave the main unit exposed to direct sunlight when not riding the bike.
2. Don't disassemble the main unit or its accessories.
3. Check relative position and gap of sensor, magnet and main unit periodically.
4. Don't use thinner, alcohol or benzine to clean the main unit or its accessories when they become dirty.
5. ***Remember to pay attention to the road while riding.***